

Message

From: Oduwole, Moshood [Oduwole.Moshood@epa.gov]
Sent: 5/15/2019 3:10:06 PM
To: Rogers, Rick [rogers.rick@epa.gov]; Pizarro, Luis [pizarro.luis@epa.gov]
Subject: RE: query re PFAS at Dupont Chemours Belle WV site

Thank Rick. I have left messages for my counterpart at Chemours and WVDEP to see what I can find out.

Moshood



Please consider your environmental responsibility. Before printing this e-mail message, ask yourself whether you really need a hard copy.

From: Rogers, Rick
Sent: Wednesday, May 15, 2019 11:04 AM
To: Pizarro, Luis <pizarro.luis@epa.gov>; Oduwole, Moshood <Oduwole.Moshood@epa.gov>
Subject: RE: query re PFAS at Dupont Chemours Belle WV site

Thank you, both. We are in routine communication with Chemours about the Washington Works facility because of our emergency order covering their wide-spread contamination of ground water on and off-site. I will ask the case manager to look into what info we may have gotten from Chemours about the Belle facility, or ask them the next time we talk with them. I was not aware that the RCRA CA work at the Washington Works site also includes addressing PFAS ground water contamination. Do they have specific requirements for pump and treat to address PFOA contamination and control PFOA movement through ground water?

Ex. 5 Deliberative Process (DP)

Appreciate the help.

Rick

Rick Rogers, Chief
Water Enforcement Branch (3ED30)
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Office: 215.814.5711
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From: Pizarro, Luis
Sent: Wednesday, May 15, 2019 10:47 AM
To: Oduwole, Moshood <Oduwole.Moshood@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>
Subject: RE: query re PFAS at Dupont Chemours Belle WV site

Rick – RCRA CA investigations are developed based on the owners/operators knowledge of “knows or suspected” releases hazardous wastes or constituents at their facility. While PFAS are neither, from the regulatory definitions standpoint, an argument can be made that it is one under the RCRA statutory definition. It does not matter if Kureha is a tenant at the Belle facility, if there is a release of HW or hazardous constituents it needs to be addressed under RCRA CA.

As you might be aware Dupont (Chemours) has been addressing under RCRA CA the PFAS groundwater contamination at their Washington works facility for decades now. Going on memory here, but it is my recollection that they conducted an assessment of their operations at all their facilities to determine if PFAS should be added as a constituent of concern at their other facilities, it was not at the Belle facility.

This can be answered fairly quickly by asking Chemours.

Luis A. Pizarro, Chief
RCRA Corrective Action Branch #1
Land, Chemicals and Redevelopment Division
US EPA Region 3
215 814 3444

From: Oduwale, Moshood
Sent: Wednesday, May 15, 2019 10:17 AM
To: Rogers, Rick <rogers.rick@epa.gov>
Cc: Pizarro, Luis <pizarro.luis@epa.gov>
Subject: RE: query re PFAS at Dupont Chemours Belle WV site

That is correct. PFAS would not have been sampled. I am curious to find out what kind of operations Kureha has at this particular site. From internet search, they have different line of products from (from Polyphenylene Sulphide Resins-plastics, to Agro-chemicals). It would make sense that their production at the Chemours site as tenant will align with what Chemours did.

Moshood



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From: Rogers, Rick
Sent: Wednesday, May 15, 2019 9:51 AM
To: Oduwale, Moshood <Oduwale.Moshood@epa.gov>
Subject: RE: query re PFAS at Dupont Chemours Belle WV site

Thanks. I doubt that PFAS were included in any sampling done via corrective action since it's a relatively new class of contaminants but correct me if I'm wrong. HSCD has specifically added PFAS as a contaminant to be sampled as they conduct their 5 year reviews.

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From: Oduwole, Moshood
Sent: Wednesday, May 15, 2019 9:00 AM
To: Rogers, Rick <rogers.rick@epa.gov>
Subject: RE: query re PFAS at Dupont Chemours Belle WV site

Thank you Rick,
Absolutely. We have done many investigations (soil, groundwater and vapor intrusion) at the Chemours Site none has turned up with PFAS compounds. You are correct that RCRA CA is not involved with Kureha but I'll reach out to my counterpart at WVDEP and at Chemours to get some information about the company.

Regards,

Moshood



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From: Rogers, Rick
Sent: Wednesday, May 15, 2019 8:54 AM
To: Oduwole, Moshood <Oduwole.Moshood@epa.gov>
Subject: RE: query re PFAS at Dupont Chemours Belle WV site

Thanks, Moshood for forwarding the info. I noted yesterday that the contaminants of concern were volatile and semi-volatile compounds. There may be an association between the presence of VOCs and the presences of PFAS compounds. I know nothing about what they make at the Belle plant. I only found reference to agricultural chemicals. I'm not aware of any association between the use of PFAS in pesticides manufacturing, but it may be possible that PFAS are used in some part of the manufacturing process.

Ex. 5 Deliberative Process (DP)

If you happen to have any information on either Chemours chemical processes or that of Kureha, that would be helpful in deciding on whether there may be a need to investigate this into the future.

Thanks,

Rick

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From: Oduwole, Moshood

Sent: Wednesday, May 15, 2019 8:47 AM

To: Brown, Kinshasa <Brown.Kinshasa@epa.gov>; Ferrell, Mark <Ferrell.Mark@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>; Werner, Lora <Werner.Lora@epa.gov>

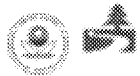
Cc: Hirsh, Steven <Hirsh.Steven@epa.gov>; Damm, Thomas <Damm.Thomas@epa.gov>; Ides, Nan <Ides.Nan@epa.gov>; Davis, Ginny <Davis.Ginny@epa.gov>

Subject: RE: query re PFAS at Dupont Chemours Belle WV site

Here is a link to the RCRA web factsheet for Dupont Chemours Belle:

<https://www.epa.gov/hwcorrectiveactionsites/hazardous-waste-cleanup-chemours-belle-plant-formerly-dupont-belle-west>

Moshood



Please consider your environmental responsibility. Before printing this e-mail message, ask yourself whether you really need a hard copy.

From: Brown, Kinshasa

Sent: Tuesday, May 14, 2019 3:10 PM

To: Ferrell, Mark <Ferrell.Mark@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>; Werner, Lora <Werner.Lora@epa.gov>; Oduwole, Moshood <Oduwole.Moshood@epa.gov>

Cc: Hirsh, Steven <Hirsh.Steven@epa.gov>; Damm, Thomas <Damm.Thomas@epa.gov>; Ides, Nan <Ides.Nan@epa.gov>; Davis, Ginny <Davis.Ginny@epa.gov>

Subject: RE: query re PFAS at Dupont Chemours Belle WV site

Importance: High

Thanks so much for all of your responses. I will wait to hear what Lora Werner has to say regarding contacts for testing and if Mosh has any further details as well (once they both return).

Kinshasa Lee Brown (Sasha)
Communications Coordinator (C2)
Superfund Emergency Management Division (SEMD)
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215-814-5404
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From: Ferrell, Mark

Sent: Tuesday, May 14, 2019 3:01 PM

To: Rogers, Rick <rogers.rick@epa.gov>

Cc: Brown, Kinshasa <Brown.Kinshasa@epa.gov>; Hirsh, Steven <Hirsh.Steven@epa.gov>; Oduwole, Moshood <Oduwole.Moshood@epa.gov>; Damm, Thomas <Damm.Thomas@epa.gov>; Ides, Nan <Ides.Nan@epa.gov>

Subject: Re: query re PFAS at Dupont Chemours Belle WV site

Because EPA has been involved with the other Chemours plant in West Virginia, Washington Works, it's possible the constituent thinks they are the same, or produce the same products.

Sent from my iPhone

On May 14, 2019, at 2:19 PM, Rogers, Rick <rogers.rick@epa.gov> wrote:

Sasha,

We have not been involved with the Chemours-Belle, WV facility. I don't know if that facility uses or manufactures PFAS chemicals. From what I can find on-line, that facility makes agricultural chemicals. I was going to reach out to the LCRD folks to see if they had any information on what is made there and what processes they have, but I saw that Moshood was copied on this chain and I believe he is the Corrective Action contact for the facility. So, Moshood, do you have any information as to whether or not the Belle, WV Chemours facility would use or manufacture PFAS compounds?

I also found out that there are three other tenants on the property: Kureha, Inc.; Optimal Chemical Group; and Sentinal Transportation. The latter is a petroleum products transporter. I could not find any information as to what the other two make, specifically. Kureha makes specialty plastics products and it looks like from their web site, they may PGA Resin at their Belle facility. We do know that some specialty plastics have used PFOA or other PFAS compounds in their manufacturing process. They do not have an MSDS sheet available on-line for their PGA resin, you have to email request it.

Long story, short: we have no information to know if there was any PFAS compounds used at the Belle, WV plant. WVDEP may have more information on that facility than we do, unless Moshood has access to the RCRA stuff.

We have a ton of info on PFAS at HQ's web site: www.epa.gov/pfas.

She did not say if she is on a private well or on public water supply. West Virginia American serves Belle, WV through their Kanawha Valley system. That source is the Elk River which is miles away from Belle.

Let me know if you want someone to call her.

Rick

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From: Brown, Kinshasa

Sent: Tuesday, May 14, 2019 10:02 AM

To: Hirsh, Steven <Hirsh.Steven@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>

Cc: Ferrell, Mark <Ferrell.Mark@epa.gov>; Oduwole, Moshood <Oduwole.Moshood@epa.gov>; Damm, Thomas <Damm.Thomas@epa.gov>; Ides, Nan <Ides.Nan@epa.gov>

Subject: FW: query re PFAS at Dupont Chemours Belle WV site

Hi Steven and Rick,

If possible could you provide information which would ultimately be shared with this resident? A WV resident is concerned that she may have been exposed to PFAS from the Chemours site. She would like to know where she can receive testing and any information we have on PFAS. Would ATSDR have these details?

FYI: Mark suggested the following WV website:

<https://dep.wv.gov/WWE/watershed/wqmonitoring/Pages/C-8.aspx>

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From: Davis, Ginny

Sent: Tuesday, May 14, 2019 9:44 AM

To: Oduwole, Moshood <Oduwole.Moshood@epa.gov>

Cc: Ferrell, Mark <Ferrell.Mark@epa.gov>; Brown, Kinshasa <Brown.Kinshasa@epa.gov>

Subject: query re PFAS at Dupont Chemours Belle WV site

Hi,

I received a call from Ex. 6 Personal Privacy (PP) this morning. She has lived in the area of Belle, WV and Cabin Creek area of WV for over 40 years. She believes she was exposed to chemicals from the Belle plant, and wants to know where she can receive testing for PFAS, treatment for PFAS, and any information we may have on PFAS. Ex. 6 Personal Privacy (PP) wants to know what are the effects of PFAS and can these effects be reversed. She has internet access through her cell phone and can be contacted using email. Her email address is:

Ex. 6 Personal Privacy (PP)

If we have printed material on PFAS, she asks that we print it, and mail it to her.

Ginny

<image001.gif>

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